

Title (en)  
Liquid level sensor

Title (de)  
Flüssigkeitsstandssensor

Title (fr)  
Capteur de niveau de liquide

Publication  
**EP 0745833 A3 19980923 (EN)**

Application  
**EP 96111997 A 19920727**

Priority  
• EP 92916277 A 19920727  
• GB 9116092 A 19910725  
• GB 9201740 A 19920128

Abstract (en)  
[origin: EP0745833A2] A liquid level sensor comprises a piezoelectric receiver having two complementary active area segments (112,114) for capturing ultrasonic signals emitted from a piezoelectric transmitter (110). Depending on the liquid level, the intensity of signals captured by the receiver varies, and in particular the ratio of the signals of the active area segments. <IMAGE>

IPC 1-7  
**G01F 23/296**

IPC 8 full level  
**G01F 23/28** (2006.01); **G01F 23/296** (2006.01)

CPC (source: EP US)  
**G01F 23/28** (2013.01 - EP US); **G01F 23/296** (2013.01 - EP US); **G01F 23/2961** (2013.01 - EP US); **G01F 23/2962** (2013.01 - EP US); **G01F 23/2968** (2013.01 - EP US)

Citation (search report)  
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• [AD] DE 3912783 A1 19901025 - BAYERISCHE MOTOREN WERKE AG [DE]  
• [AD] US 4063457 A 19771220 - ZEKULIN NIKITA, et al  
• [A] WO 8204122 A1 19821125 - TS TANKSYSTEM AG [CH], et al  
• [AD] H. OWADA ET AL.: "A TWO-WIRE ULTRASONIC LEVEL METER WITH PIEZOELECTRIC POLYMER-FILM SENSOR", ADVANCES IN INSTRUMENTATION, vol. 43, no. 3, 1988, RESEARCH TRIANGLE PARK, NC, US, pages 1125 - 1133, XP000111567  
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Designated contracting state (EPC)  
DE FR GB

DOCDB simple family (publication)  
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DOCDB simple family (application)  
**EP 96111997 A 19920727**; AU 2369192 A 19920727; DE 69217994 T 19920727; EP 92916277 A 19920727; GB 9201393 W 19920727; JP 50271993 A 19920727; US 18583694 A 19940510